AMENDMENTS TO THE CLAIMS:

1. (currently amended) A method of dynamically generating an electronic document based on an enterprise-specific vocabulary, the method comprising the steps of:

receiving a request to generate an electronic document containing information responsive to a user query based on one or more information objects that are organized in one or more hierarchical trees, wherein the query contains a concept that specifies a term from the vocabulary and an information type that specifies the type of information, in association with the concept, requested in the request;

searching a cache of information objects to identify one or more rows that match the query concept and one or more rows that match the query information type;

determining an intersection of the rows, yielding a result set of rows;

retrieving matching information objects based on following index pointers in the rows of the result set;

automatically creating the electronic document using the matching information objects and delivering the electronic document in response to the user query.

2. (original) A method as recited in claim 1, wherein the step of searching a cache comprises the steps of:

searching a result cache for a result row that is associated with a matching concept and matching information type;

if searching the result cache yields no cache hits, searching a content cache of information objects for a first set of interim result rows having a matching associated concept and a second set of interim result rows having a matching associated information type.

3. (original) A method as recited in claim 1, wherein the hierarchical trees comprise a concept tree and a technology tree, and wherein each tree is organized as a vocabulary node having one or more relation types, wherein each relation type has one or more relation instances, wherein each relation instance has one or more relation participants, and wherein each relation participant is associated with one or more information objects.

4. (original) A method as recited in claim 1, further comprising the step of caching the result set of rows in the result cache.

5. (original) A method as recited in claim 1, further comprising the step of providing the information objects to a delivery engine that generates the electronic document based on the information objects and delivers the electronic document in response to the user query.

6. (original) A method as recited in claim 1, further comprising the steps of:

receiving the user query at a distributed cache manager;

selecting one of a plurality of information object cache servers to process the user query and generate the electronic document;

forwarding the user query to the selected one of the plurality of information object cache servers.

7. (original) A method as recited in claim 1, further comprising the steps of:

receiving the user query from a delivery engine at a distributed cache manager;

selecting one of a plurality of information object cache servers to process the user query and generate the electronic document;

forwarding the user query to the selected one of the plurality of information object cache servers;

providing the information objects to a delivery engine that generates the electronic document based on the information objects and delivers the electronic document in response to the user query.

8. (currently amended) A computer-readable medium carrying one or more sequences of instructions for dynamically generating an electronic document based on an enterprise-specific vocabulary, which instructions, when executed by one or more processors, cause the one or more processors to carry out the steps of:

receiving a request to generate an electronic document containing information responsive to a user query based on one or more information objects that are organized in one or more hierarchical trees, wherein the query contains a concept that specifies a term from the vocabulary and an information type that specifies the type of information, in association with the concept, requested in the request;

searching a cache of information objects to identify one or more rows that match the query concept and one or more rows that match the query information type;

determining an intersection of the rows, yielding a result set of rows;

retrieving matching information objects based on following index pointers in the rows of the result set;

automatically creating the electronic document using the matching information objects and delivering the electronic document in response to the user query.

9. (currently amended) An apparatus for dynamically generating an electronic document based on an enterprise-specific vocabulary, comprising:

means for receiving a request to generate an electronic document containing information responsive to a user query based on one or more information objects that are organized in one or more hierarchical trees, wherein the query

contains a concept that specifies a term from the vocabulary and an information type that specifies the type of information, in association with the concept, requested in the request;

means for searching a cache of information objects to identify one or more rows that match the query concept and one or more rows that match the query information type;

means for determining an intersection of the rows, yielding a result set of rows;

means for retrieving matching information objects based on following index pointers in the rows of the result set;

means for automatically creating the electronic document using the matching information objects and delivering the electronic document in response to the user query.

10. (currently amended) A computer system for dynamically generating an electronic document based on an enterprise-specific vocabulary, the system comprising:

a computer-readable medium for storing a plurality of information chunks in a content cache, each chunk of the plurality of information chunks retrieved by a directory address; and a plurality of data structures describing atomic concepts among names in an enterprise-specific vocabulary and a plurality of data structures describing relationships among the atomic concepts in a concept cache; and

one or more processors configured as an interface for managing the plurality of information chunks in the content cache, managing the plurality of data structures in the concept cache, and arranging content on the Web page based at least in part on data in the concept cache;

one or more sequences of instructions in the computer-readable medium, which instructions, when executed by the one or more processors, cause the one or more processors to carry out the steps of:

receiving a request to generate an electronic document containing information responsive to a user query based on one or more information objects that are organized in one or more hierarchical trees, wherein the query contains a concept that specifies a term from the vocabulary and an information type that specifies the type of information, in association with the concept, requested in the request;

searching a cache of information objects to identify one or more rows that match the query concept and one or more rows that match the query information type;

determining an intersection of the rows, yielding a result set of rows;

retrieving matching information objects based on following index pointers in the rows of the result set;

automatically creating the electronic document using the matching information objects and delivering the electronic document in response to the user query.

11. (new) The method of Claim 1, wherein the concept contained in the query is regarding a product of the enterprise.

12. (new) The method of Claim 1, wherein the concept contained in the query is regarding a technology of the enterprise.

13. (new) The method of Claim 1, wherein the concept contained in the query is regarding a service provided by the enterprise.

14. (new) The method of Claim 1, wherein the concept contained in the query is regarding business of the enterprise.

15. (new) The method of Claim 1, wherein the information type contained in the query is associated with a section of the electronic document.

16. (new) The computer-readable medium of Claim 8, wherein the concept contained in the query is regarding a product of the enterprise.

17. (new) The computer-readable medium of Claim 8, wherein the concept contained in the query is regarding a technology of the enterprise.

18. (new) The computer-readable medium of Claim 8, wherein the concept contained in the query is regarding a service provided by the enterprise.

19. (new) The computer-readable medium of Claim 8, wherein the concept contained in the query is regarding business of the enterprise.

20. (new) The computer-readable medium of Claim 8, wherein the information type contained in the query is associated with a section of the electronic document.

21. (new) The apparatus of Claim 9, wherein the concept contained in the query is regarding a product of the enterprise.

22. (new) The apparatus of Claim 9, wherein the concept contained in the query is regarding a technology of the enterprise.

23. (new) The apparatus of Claim 9, wherein the concept contained in the query is regarding a service provided by the enterprise.

24. (new) The apparatus of Claim 9, wherein the concept contained in the query is regarding business of the enterprise.

25. (new) The apparatus of Claim 9, wherein the information type contained in the query is associated with a section of the electronic document.

26. (new) The system of Claim 10, wherein the concept contained in the query is regarding a product of the enterprise.

27. (new) The system of Claim 10, wherein the concept contained in the query is regarding a technology of the enterprise.

28. (new) The system of Claim 10, wherein the concept contained in the query is regarding a service provided by the enterprise.

29. (new) The system of Claim 10, wherein the concept contained in the query is regarding business of the enterprise.

30. (new) The system of Claim 10, wherein the information type contained in the query is associated with a section of the electronic document.